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Robotics and Automation, IEEE Transactions on ,Volume: 12 , Issue: 2 , Apri

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2 **Interactive simulation of solid rigid bodies**
Baraff, D.;
Computer Graphics and Applications, IEEE ,Volume: 15 , Issue: 3 , May 199!
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3 **Gravitational stability of frictionless assemblies**
Mattikalli, R.; Baraff, D.; Khosla, P.; Repetto, B.;
Robotics and Automation, IEEE Transactions on ,Volume: 11 , Issue: 3 , Jun
1995
Pages:374 - 388

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4 **Physically-based manipulation on the Responsive Workbench**
Frohlich, B.; Tramberend, H.; Beers, A.; Agrawala, M.; Baraff, D.;
Virtual Reality, 2000. Proceedings. IEEE , 18-22 March 2000
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5 **Interaction with a real time dynamic environment simulation using magnetic levitation haptic interface device**
Berkelman, P.J.; Hollis, R.L.; Baraff, D.;
Robotics and Automation, 1999. Proceedings. 1999 IEEE International Confer
on ,Volume: 4 , 10-15 May 1999
Pages:3261 - 3266 vol.4

[Abstract] [PDF Full-Text (512KB)] IEEE CNF

6 **Global methods for simulating contacting flexible bodies**
Baraff, D.; Witkin, A.;
Computer Animation '94., Proceedings of , 25-28 May 1994
Pages:1 - 12

[Abstract] [PDF Full-Text (916KB)] IEEE CNF

7 **Finding all gravitationally stable orientations of assemblies**
Mattikalli, R.; Baraff, D.; Khosla, P.;
Robotics and Automation, 1994. Proceedings., 1994 IEEE International Confe on , 8-13 May 1994
Pages:251 - 257 vol.1

[Abstract] [PDF Full-Text (512KB)] IEEE CNF

8 **Stability of assemblies**
Mattikalli, R.; Khosla, P.K.; Repetto, B.; Baraff, D.;
Intelligent Robots and Systems '93, IROS '93. Proceedings of the 1993 IEEE/I International Conference on ,Volume: 1 , 26-30 July 1993
Pages:652 - 661 vol.1

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Johnny C. Lee , Jodi Forlizzi , Scott E. Hudson
Proceedings of the 15th annual ACM symposium on User interface software and technology October 2002
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Johnny T. Chang , Jingyi Jin , Yizhou Yu
Proceedings of the 2002 ACM SIGGRAPH/Eurographics symposium on Computer animation July 2002
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hair-hair interactions is a more difficult problem. A dynamic model for this purpose is proposed based on a sparse set of guide strands. Long range connections among the strands are modeled as breakable static links formulated as nonreversible positional ...

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Diane Chi , Monica Costa , Liwei Zhao , Norman Badler

Proceedings of the 27th annual conference on Computer graphics and interactive techniques July 2000

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Proceedings of the first international symposium on Non-photorealistic animation and rendering June 2000

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ACM Computing Surveys (CSUR) March 1996

Volume 28 Issue 1

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Jessica K. Hodgins , Wayne L. Wooten , David C. Brogan , James F. O'Brien

Proceedings of the 22nd annual conference on Computer graphics and interactive techniques September 1995

77%

10 The art and science of visualizing data
Karen A. Frenkel
Communications of the ACM February 1988
Volume 31 Issue 2

"I manipulate the laser," the artist said, having exploited laboratory equipment. "This is a parallel pipeline systolic SIMD engine we call the 'Jell-O Engine,'" the animator/straight man announced, but not until he had decimated the practice of ray tracing. And officials from supercomputer centers declared the visualization of scientific data would define a new field, a revolutionary way of doing science.

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